

TEST REPORT

1.0	Service Request / Job No:	SRF No					
2.0	Test Requested By:	M/S Sparco B	atteries Pvt.Ltd.				
	(Organization Name & Address)	Killa No:22, Khashra No: 23/1/2 Village Nathupur.					
		Sonipat.					
3.0	Description of Unit Under test	Description: VRLA					
	(UUT):	Rating:	12V/28AH				
		Model No: ATC 28					
		Serial No:					
4.0	Date of Receipt of Sample: (start date)						
	Date of Completion of test						
5.0	Condition of UUT on receipt:		Dry Charge B	attery			
	No. Of sample Tested:		4				
6.0	Test Site:		On site				
	Environment Conditions:		41°C				
	Temperature: 25'C+-5%		80%				
	Humidity 40 to 95% RH						
7.0	Applicable Standards /	Test Method: IEC 60896-21					
	Specifications:						

Major Measuring Instrument and Traceability:

S.No	Description	Make/Model	S.No. of Instrument	Calibration	Calibration
				validity	Agency
1	Discharger	ADOS/12V-	131014-1		
		35Amp			
2	Charger	ADOS/12/24V-	D600202K-1		
		20Amp			
3	Digital Multi Meter	Mastech/MS2	994995570		
		101			
4	Digital Clamp Meter	Mastech/MS2	994995570		
		101			
5	High rate discharge unit	ADOS/12V-	160117		
		1500Amp			



Test Report No:	Description: 12V/28AH	Serial No:
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Test Result:

S.no		Specification Requirement		Serial Number					
	Test Description		22	23	24	25	26	27	

01	(a) (b)	Content and of required markings Cell or battery shall be clearly and permanently marked with required information. / Information shall remain readable after exposure to chemicals and remain in place.		Readable	Readable	Readable	Readable	Readable	Readable	
02	(a)	Material Identification The plastic materials used for the units are clearly identified with the ISO 1043-1 material symbol and legible throughout the service life.		Ok	Ok	ОК	ОК	OK	OK	
03	(a)	Discharge capacity The actual capacityCshall be greater than or equal to 95% of the rated capacity. Cof the 6 units tested with the following rates to the following end voltage.								
		Capacity C10	Rate 10 h	End voltage 1.80 Vpc						
		C8	8 h	1.75 Vpc						
		C3	3 h	1.70 Vpc						
		C1	1 h	1.60 Vpc						
04		Charge ret	0.25h	1.60 Vpc	72%	71%	73%	72%	74%	73%
04	(a)	Charge retention during storage. The charge retention factor,C of the 6 unitstested, shall be		1270	/170	73%	7270	7470	7570	
			greater than or equal to 70%.							

Tested By: (Quality Engineer) Authorized By: (Technical Head)



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	VRLA Battery	Model:ATC28

Test Result:

S.no		Specification Requirement			Serial N	umber		
Test Description			22	23	24	25	26	27

05	Recharge Behaviour	98%	96%	97%	98%	97%	98%
	The recharge behaviour						
	factor R bf, after 24h of						
	charge shall be greater						
	than or equal to 90%.						
	The recharge behaviour						
	factor, R bf, after 168h of						
	charge shall be greater						
	than or equal to 98%.						

Tested By: (Quality Engineer) Authorized By: (Technical Head)